

REMARKS

Objection to claims

Claim 1 was objected to because the terms comparator, magnet driver, and coil should have the adjective “first” inserted before each instance of them in order to make the claim more consistent with claim 2, which delineates a second comparator, a second magnet driver, and a second coil. Applicant has made the suggested amendment to claim 1, and likewise has amended instances of the terms comparator, magnet driver, and coil in the remaining claims so that they are also preceded by the adjective “first.” Applicant has also amended each instance of the term “normally open switch” in claims 3-4 so that it is preceded by the adjective “first,” due to the delineation of a second such switch in claim 4. Therefore, Applicant respectfully requests that this objection be withdrawn. Applicant notes that the inclusion of this adjective does not affect the claim scope of the claimed invention.

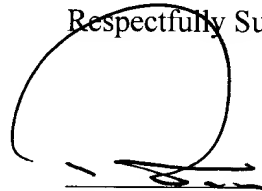
Rejection of claims under 35 USC 112

Claims 1-6 have been rejected under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter that Applicant regards as the invention. In particular, the Examiner notes that the limitation “a coil of a plurality of coils” is vague, and suggests that the term “electromagnetic” be inserted before the word coil. Applicant has made the suggested amendment to each instance of coil within claims 1-6. Therefore, the claims 1-6 now pertain to a “first electromagnetic coil” and a “second electromagnetic coil” (the latter in claim 2 only). Applicant respectfully requests that this rejection be withdrawn.

Conclusion

Applicant has made a diligent effort to place the pending claims in condition for allowance, and request that they so be allowed. However, should there remain unresolved issues that require adverse action, it is respectfully requested that the Examiner telephone Randy Tung, Applicant's Attorney, at 248-540-4040, so that such issues may be resolved as expeditiously as possible. For these reasons, this application is now considered to be in condition for allowance and such action is earnestly solicited.

Respectfully Submitted,



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